ENDRUST® RXBLACK AERO

Anti-Corrosive Gloss Black — Aerosol

TECHNICAL DATA SHEET
TDS–RXBLACK AERO

PRODUCT DESCRIPTION

ENDRUST® RXBLACK AERO puts the same fast-drying, resin-based RXBLACK coating into a convenient aerosol pack for touch-ups, repairs and small areas. It penetrates surface rust, inhibits and encapsulates corrosion, and cures to a smooth, hard-wearing gloss black barrier that seals out moisture.

Each can is filled with 150 mL of bulk ENDRUST® RXBLACK and charged with a dimethyl ether / acetone propellant blend. For chassis and large areas, use bulk RXBLACK by conventional or airless spray.

FEATURES & BENEFITS

- Gloss black finish — smooth, hard-wearing protective coat
- Ready to use — no thinning, mixing or spray equipment needed
- Inhibits and encapsulates rust — penetrates surface rust and seals out moisture
- Fast drying — touch dry in about 10 – 15 minutes at 25°C
- Ideal for touch-ups — matches work done with bulk RXBLACK
- Heat resistant — up to 90°C dry heat

APPLICATIONS / RECOMMENDED USES

- Touch-ups and repairs on chassis, trailers and equipment coated with RXBLACK
- Small parts, brackets, fasteners and hard-to-reach areas
- Agricultural, mining and engineering equipment maintenance
- Workshop, field-service and retail use

TECHNICAL SPECIFICATIONS

PROPERTY	VALUE	PROPERTY	VALUE
Colour / Finish	Black / Gloss	**Pack Size**	300 g aerosol
Coating Fill	150 mL RXBLACK per can	**Propellant**	Dimethyl ether / acetone
DFT (per full coat)	40 – 50 micron	**Coverage**	~1.0 – 1.2 m² per can @ 40 micron DFT (theoretical)
No. of Coats	1 mist coat + 1 – 2 full coats	**Recoat**	Within 1 – 2 hours, or after 24 hours
Touch Dry	10 – 15 minutes @ 25°C	**Dry to Handle**	2 – 3 hours
Hard Dry	8 hours @ 25°C	**Clean-up**	Mineral Turps or Acrylic Thinners
Application Temp.	10°C min.; 85% RH max.	**Storage**	Below 50°C, upright, away from ignition sources

PERFORMANCE

PERFORMANCE PROPERTY	RATING
Temperature Resistance	Up to 90°C dry heat (cured film)
Abrasion Resistance	Good
Weatherability	Very good — may chalk on exterior exposure
Solvent Resistance	Moderate — resists alcohols, mineral turps and enamel thinners; not resistant to aromatic solvents, ketones, esters or chlorinated solvents
Chemical Resistance	Moderate — resists rain and condensation; not resistant to strong acids or alkalis; not suitable for prolonged immersion

SURFACE PREPARATION

RXBLACK AERO can be applied over new steel, sound existing paint and rusted surfaces.

- **Clean —** surfaces must be dry and free of oil and grease.
- **Loose rust and paint —** remove with a wire brush.
- **Existing coatings —** must be in sound condition. Lightly scarify smooth, hard or glossy finishes with a fine (grey) Scotch-Brite pad to provide a key.
- **Masking —** mask surrounding areas to protect them from overspray.

APPLICATION

- **Shake —** shake the can vigorously for at least 1 minute after the mixing ball rattles, and shake regularly during use. Spray a test patch first.
- **Technique —** hold the can upright 20 – 30 cm from the surface and apply light, even passes, overlapping each pass by about half.
- **Coats —** apply a light mist coat, allow it to flash off for 5 – 10 minutes, then apply full coats. Heavy single coats will run and take longer to dry.
- **Recoating —** recoat within 1 – 2 hours, or after 24 hours; recoating in between may cause lifting.
- **Conditions —** best spray pattern with can and surface between 15°C and 25°C. Do not apply below 10°C, above 85% relative humidity, onto hot surfaces or in direct strong sunlight. Use only in a well-ventilated area.
- **After use —** invert the can and spray for 2 – 3 seconds to clear the nozzle.
- **Clean-up —** clean overspray and tools with Mineral Turps or Acrylic Thinners.

Aerosol Application Guide

STEP	TECHNIQUE	PRESSURE
Distance	Hold can 20 – 30 cm from the surface	Can pressure
Mist coat	One light pass; flash off 5 – 10 min	Can pressure
Full coats	Even, overlapping passes; avoid runs	Can pressure

SAFETY & HANDLING

- DANGER — extremely flammable aerosol. Pressurised container: may burst if heated. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use.
- May cause cancer and may damage the unborn child — obtain and read all safety precautions before use and avoid exposure.
- Causes skin and serious eye irritation. May cause drowsiness or dizziness. Prolonged or repeated exposure causes damage to organs.
- Use only outdoors or in a well-ventilated area — do not spray in confined spaces or pits where propellant can collect. Wear a suitable respirator if ventilation is limited.
- Wear solvent-resistant gloves, eye protection and protective clothing. Keep out of reach of children.
- Read the ENDRUST® RXBLACK AERO Safety Data Sheet before use. Do not use the bulk RXBLACK SDS for the aerosol.

STORAGE & SHELF LIFE

Store upright in a cool, dry, well-ventilated area below 50°C, away from direct sunlight, heat and ignition sources. Do not pierce or burn, even when empty. Store as Class 2.1 Aerosols. Store locked up. Contact Endrust Australia for shelf life information.

DISCLAIMER

This is not a specification. All information is given in good faith. Since conditions of use are beyond the control of the manufacturer, information contained herein is without warranty, expressed or implied. Final determination of suitability for any application, including safety in use, is the sole responsibility of the user. The manufacturer does not assume any liability in connection with the use of the product relative to coverage, performance, or injury. Endrust Australia reserves the right to change specifications without notice.